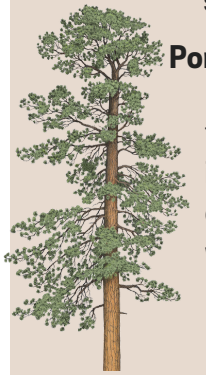
JANUARY 2023

Goshen County Weed & Pest NEWSLETTER

Goshen County Weed & Pest

TREES OF CONCERN FOR LIVESTOCK

Certain tree species have shown toxicity in animals, although Goshen county is not known for many of the poisonous species. There are a couple of tree species to keep an eye out for if owning livestock in the area.



Ponderosa Pine-

Is very common in Goshen county, cattle tend to graze on pine needles during storms when they are using pines as shelter and do not leave to graze. Needles both dry and green contain isocupressic acid and results in abortion. Aborting of calves generally occurs in late fall to early spring, during the last trimester of pregnancy. Abortions occur between 48 hours and 2 weeks after exposure to pine needles.

Lodgepole pine and common juniper also contain isocupressic acid, resulting in abortions when eaten by cattle.

Chokecherry Tree-

Western and black chokecherry cause poisoning in sheep and cattle. Animals tend to graze on chokecherry leaves when availability of grasses and forages are reduced. Cattle sometimes are poisoned by eating leaves on broken branches. The toxic substance in chokecherry, hydrocyanic acid (causes respiratory failure), is found in the leaves. Leaves become less toxic as they mature.

Bur Oak Tree-

Livestock may be poisoned if animals have over eaten on acorns, leaves or branches. The toxins in the oak leaves are called tannins (combination of gallic acid and tannic acid). Oak is most dangerous in the budding and leafing stages, as leaves mature toxicity decreases. Poisoning can occur later in the fall and winter when acorns are available. Poisoning results in severe enterogastritis (gastroenteritis refers to inflammation of the gastrointestinal tract) and nephrosis (nephrosis is cause of acute kidney failure). Death from oak poisoning may occur in a few days to 2 weeks after the cattle first show signs.

2023 PESTICIDE APPLICATOR TRAININGS

If you are **paid** to apply any type of pesticide, you need a commercial license.

Commercial applicator re-certification - *offered in-person*

Casper, WY - The Ramkota

Dates: January 17th -January 19th, 2023

Times: Tuesday (1pm-5pm); Wednesday (8am-5pm) & Thursday (8am-1pm)

Cost: $125.00

Find course information and registration at **https://uwyoextension.org/psep/**

If you apply restricted-use pesticides to your own property or **without pay**, a private license is needed.

Private applicator re-certification - *in-person*

Platte Valley Bank Torrington Branch

Dates: Monday, February 13, 2023
Monday, March 6, 2023

Times: 1pm-5pm

Free of charge

RSVP's not necessary, with questions contact Brian @ 307-721-2571

STAY IN THE KNOW

- Jan 12th - GCWP Board Meeting

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